

MODIS L1 Integration

29 July **12 August** 1999

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MODIS L1 Integration: Summary Status

~~12 July~~ *g u s t 1 9 9 9*

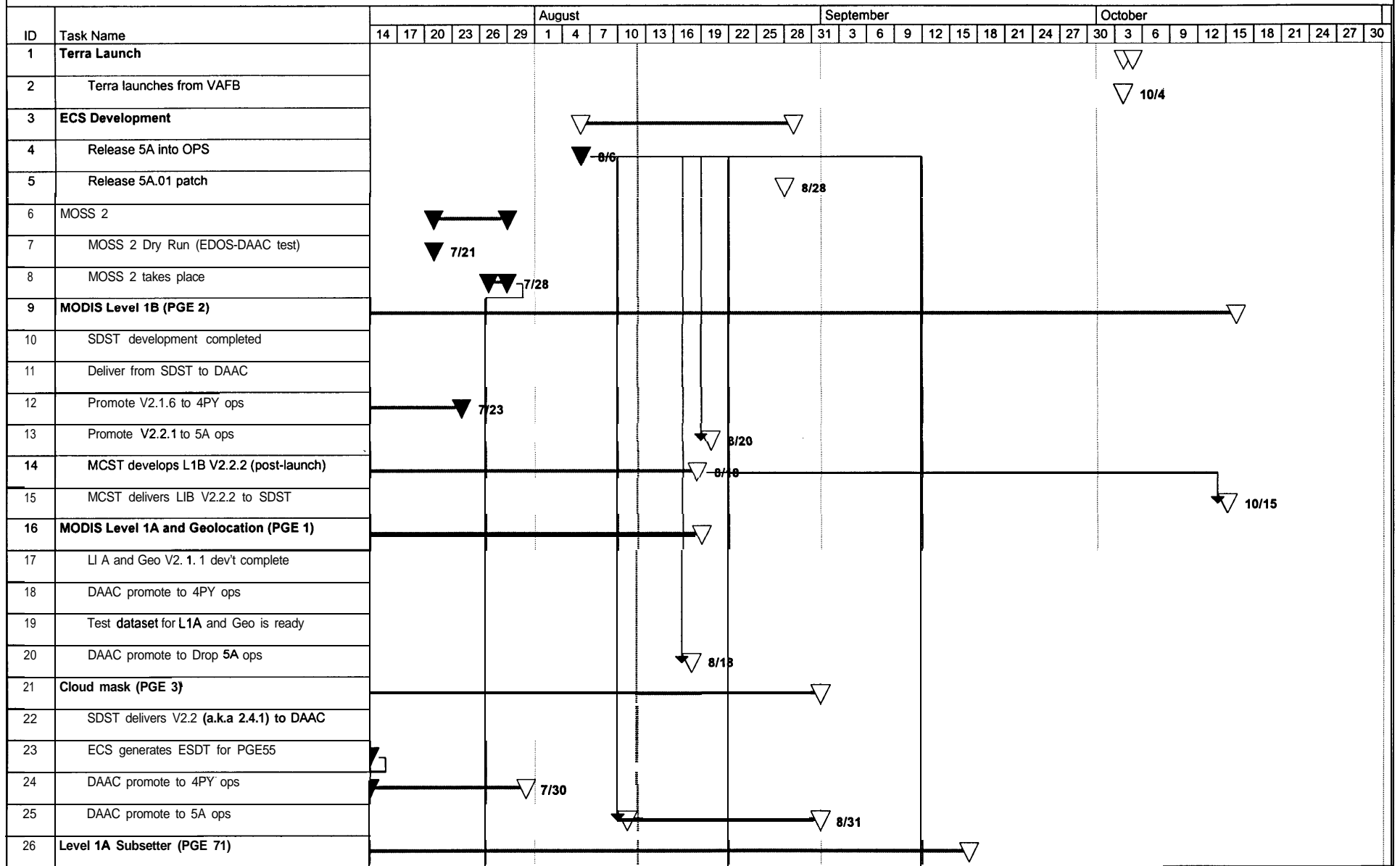
- **LI B (PGE2)**
 - Version 2.1.6 in DAAC
 - Launch version is 2.2.1 (deliver to DAAC on 26 Aug *16 Aug, promote to 5A ops by 20 Aug*)
- **L1A and Geolocation (PGE1)**
 - Promoted to DAAC ops (drop 4PY). Expect promotion to 5A by 18 Aug
- **Cloud Mask (PGE3)**

Launch version in DAAC, promoting to 5A ops (expect 1 Sep *15 Sep*)
- **L1A Subsetter (PGE71)**

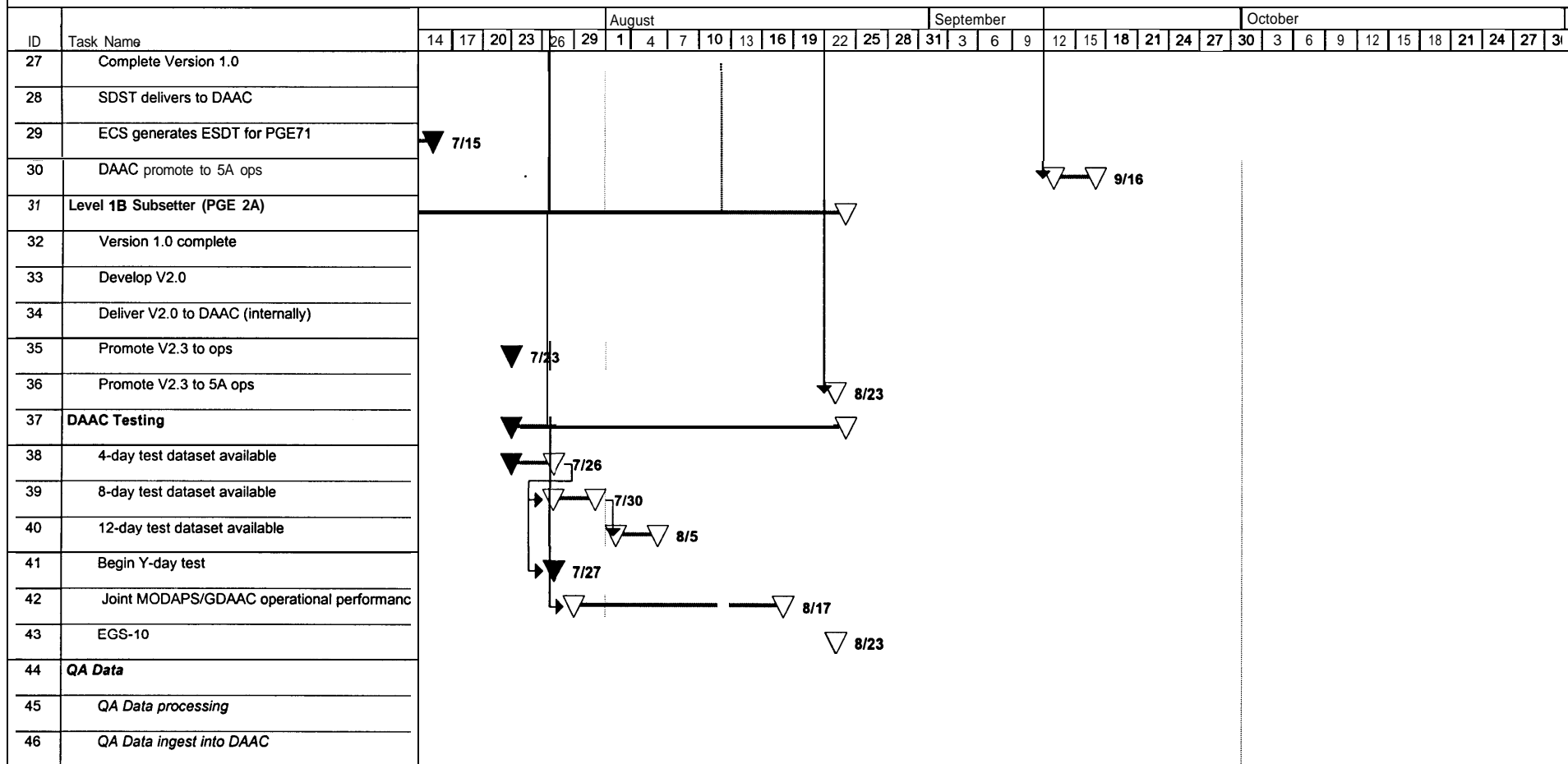
Completed, delivered to DAAC, ECS delivered ESDT in 4PY.11. Promote to 4PY_{ops} by 15 Aug. to 5A ops by mid Sep
- **LIB Subsetter (PGE 2A)**

Launch version in DAAC, promoted to 4PY ops on 23 Jul. Expect promotion to 5A ops by 23 Aug
- **Testing**
 - Used LI B version 2.1.6 for MOSS 2
 - MOSS 2 underway, dry run completed last week *completed*
 - *MOSS 3 planned for 28-30 Sep*

MODIS LI Integration
MASTER SCHEDULE
12 August 1999



MODIS L1 Integration
MASTER SCHEDULE
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MODIS Level 1 Integration Issues

~~12 August 20 July~~ 1999

Item	Responsible Person	Due Date	Comments
1. Assess results of MOSS 2 dry run on 21 Jul 99 to determine whether a L1 backup system is needed	Ed Masuoka	23 Jul 99	Problems with ECS data production are expected to be corrected and will be tested in the MOSS 2 test STATUS: CLOSED
2. Find out what the schedule is for resolution of the following ECS problems at the GDAAC: 1. Production plan fails when fractured data is received from EDOS. 2. Subscription Delivery Notice: User string not being filled in impacts cal/val of sensor. 3. Unable to delete Data Processing Requests (DPRs) 4. Autosys job boxes not completing.	F Bordi	15 Jul 99	The schedule for resolution of the four items listed is as follows: Item 2.1: End of July August Item 2.2: Mid-August 15 September Item 2.3: This problem could not be reproduced, therefore a NCR was submitted 15 September Item 2.4: this problem is expected to be fixed by the 5A.5A.01 patch due at the end of August STATUS: OPEN
3. Decide which is the launch PGE: L1B 2.1.6 or 2.2.0	RE Murphy	1 Jul 99	REM will write memorandum articulating the difference between 2.1.6 and 2.2.0 and recommending which one is the launch version EM – SDST is comparing output products from L1B version 2.1.5 with L1B 2.2 output files. Both versions were run using L1A product made with the most current version of our synthetic data (Version 2.1 .5). If the new L1B (V2.2) does not break the downstream processing (L2 and higher products) then we will want to put it in as the at-launch version of this PGE. REM decided that Launch PGE is <u>2.2.2.1</u> <u>STATUS: CLOSED</u>

4. Level 1 product data volumes are 94GB above the 2/96 baseline. The volume increases are as follows: 8GB in L 1 A, 1 GB in geolocation fields and 85GB in L1B. Are we in agreement that this will be handled by storing L1B for less than 6 months or is there another approach we should be pursuing?	Ed Masuoka and Bob Murphy		<p>EM will send e-mail to the discipline leads discussing the problem.</p> <p>REM has convened a meeting of the discipline leads for Ju129</p> <p><u>Discipline leads met on 29 Jul. REM to write report and recommendations</u></p> <p><u>LM to close out volumes and leads by end of August</u></p>
5. External data (GDAS)			<p>(MM) ESDIS has approved a CCR to support re-implementation of the ECS GDAS interface (NOAA changed the GRIB format without informing ESDIS of the change). ECS is in the process of re-implementing the interface, but the current development schedule does not have the changes completing until mid-July. We are looking for other resources to bring this date in but haven't found them yet.</p> <p>(MM) The fix for the GDAS format change has been integrated into the 4PY and 5A baselines and is being tested. It will be released as a patch by 7/30</p> <p>Delivery date to DAAC is 21 Aug 99 as part of patch 5A.01</p> <p>STATUS: CLOSED</p>
6. DAAC support for PGE55			<p>(MM) We may need to update the DAAC processing requirements to support PGE55, since it is my understanding that this PGE will be executed in the DAAC to provide input to PGE03 sometime in the near post-launch timeframe. Although it is my understanding that the PGE does not have significant processing requirements, adding the requirements may help mitigate the risk identified under Item 7.</p> <p>(MM) We are adding support for PGE 55. We (ESDIS and ECS Science Office) need to work with the DAAC and MODIS to ensure that existing production rules are adequate. These changes should be reflected in an update to the MODIS Science Data Processing Software System Description and in the MODAPS SIPS ICD.</p> <p><u>MM will prepare written response by 20 Aug to close out this item</u></p>

7. Establish policy and process to release L1 software to the public.	RE Murphy		STATUS: OPEN
8. MCST is requesting ECS generate a new <u>ESDT</u> ECS for level 1B	B Berriman		<p>This new ESDT is a copy of the ECS core metadata into an ASCII file to support MCST daily QA activities. The method replicates QA activities already implemented at ECS by LDOPE</p> <p>(BG) Mike Linda is developing the L1B ESDT for QA. Expect submittal by 4 Aug</p> <p>The ESDT may already have been delivered. BGuenther and BVollmer to check by next meeting</p> <p>STATUS: OPEN</p>
9. What is the (post launch) time period for formal calibration of Terra instruments (or, when will data be released to the public)	F Bordi		<p><u>ESDIS is holding a date (L+4mos) based on Yoram's article, which is not necessarily consistent with what the instrument teams are carrying</u></p> <p><u>STATUS: CLOSED: IT agrees with Yoram's letter</u></p>
10. There is a proposal to store only Level 0 data, and regenerate Level 1A data when needed (if the storage space saved this way can be kept by MODIS)			<u>STATUS: CLOSED: L1A will not be stored, and L1B will be stored for six months</u>
10. 11. From ETE-4, MCST received no Quick-look (EDS) data.			<u>STATUS: CLOSED: expedited dataset was received in MOSS 2</u>